

Title (en)
ELECTROCHEMICAL DEVICE AND ELECTRONIC DEVICE

Title (de)
ELEKTROCHEMISCHE VORRICHTUNG UND ELEKTRONISCHE VORRICHTUNG

Title (fr)
DISPOSITIF ÉLECTROCHIMIQUE ET DISPOSITIF ÉLECTRONIQUE

Publication
EP 4369462 A1 20240515 (EN)

Application
EP 21949627 A 20210714

Priority
CN 2021106317 W 20210714

Abstract (en)
An electrochemical apparatus and electronic apparatus are provided. The electrochemical apparatus includes a battery cell (10) formed by a first electrode plate (100), a separator (200), and a second electrode plate (300) through winding, where the first electrode plate (100) includes a current collector (110), a tab (120), and an active substance layer (130). The current collector (110) includes a first surface (111) facing toward the interior of the battery cell (10) and a second surface (112) facing away from the interior of the battery cell (10); the tab (120) is electrically connected to the current collector (110) and extends out of the current collector (110); and the active substance layer (130) is provided on the first surface (111) and the second surface (112) of the current collector (110). A winding start end of the first electrode plate (100) is provided as a single-sided zone (101), an insulating coating (140) is provided on the first surface (111) of the current collector (110) located in the single-sided zone (101), and the active substance layer (130) is provided on the second surface (112) of the current collector (110) located in the single-sided zone (101).

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